

Fig. 1  
Prior Art

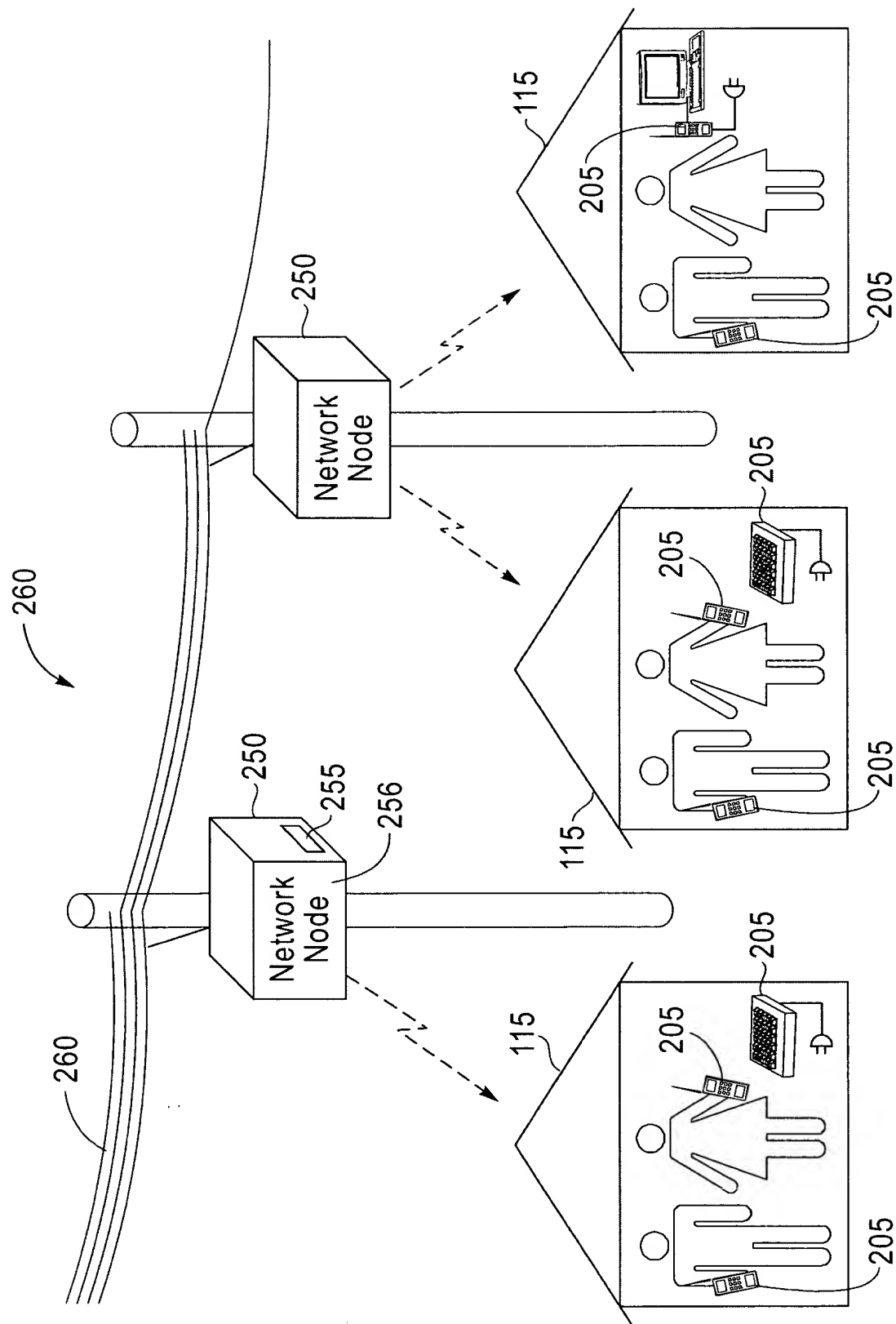
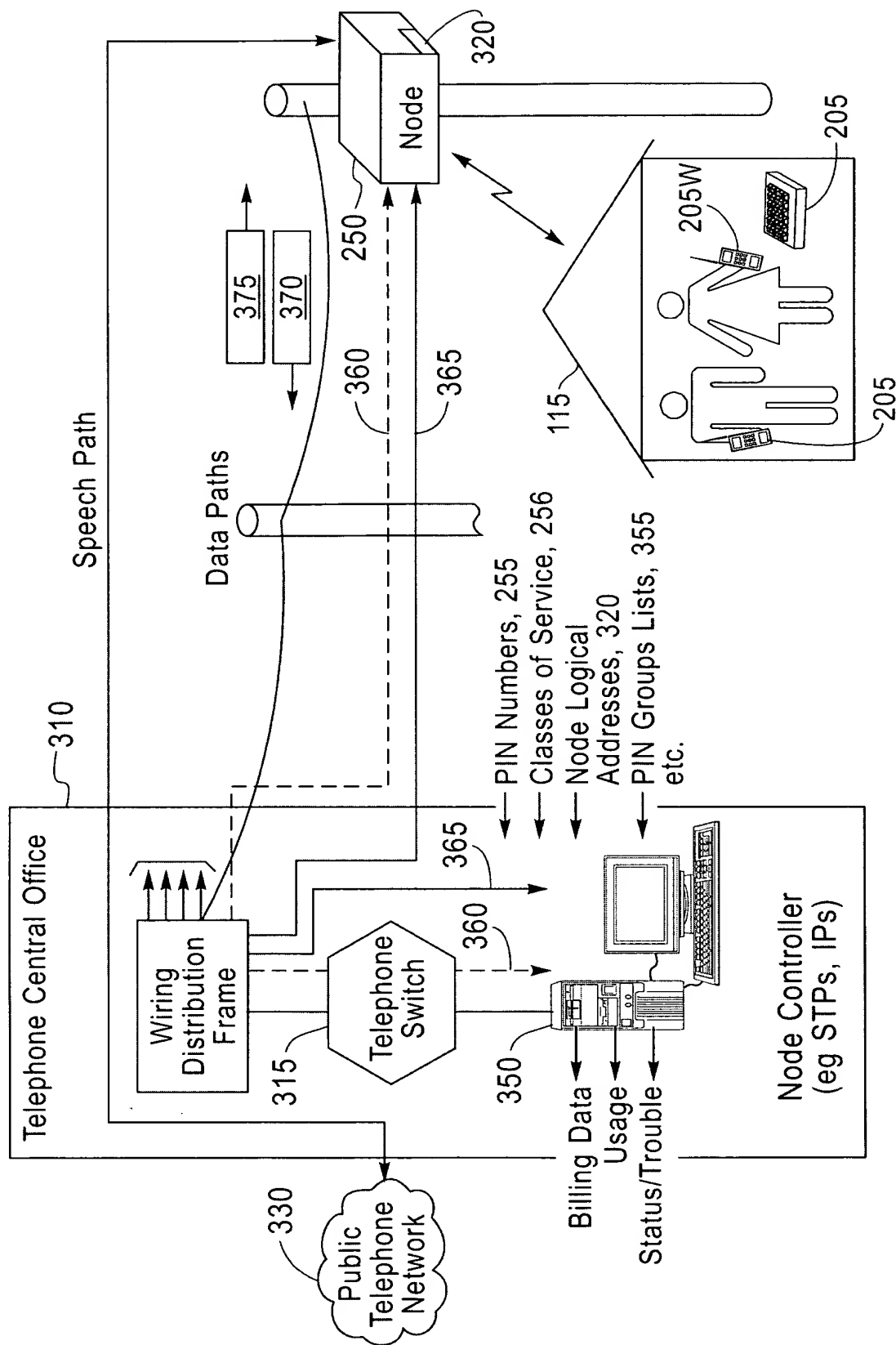


Fig. 2



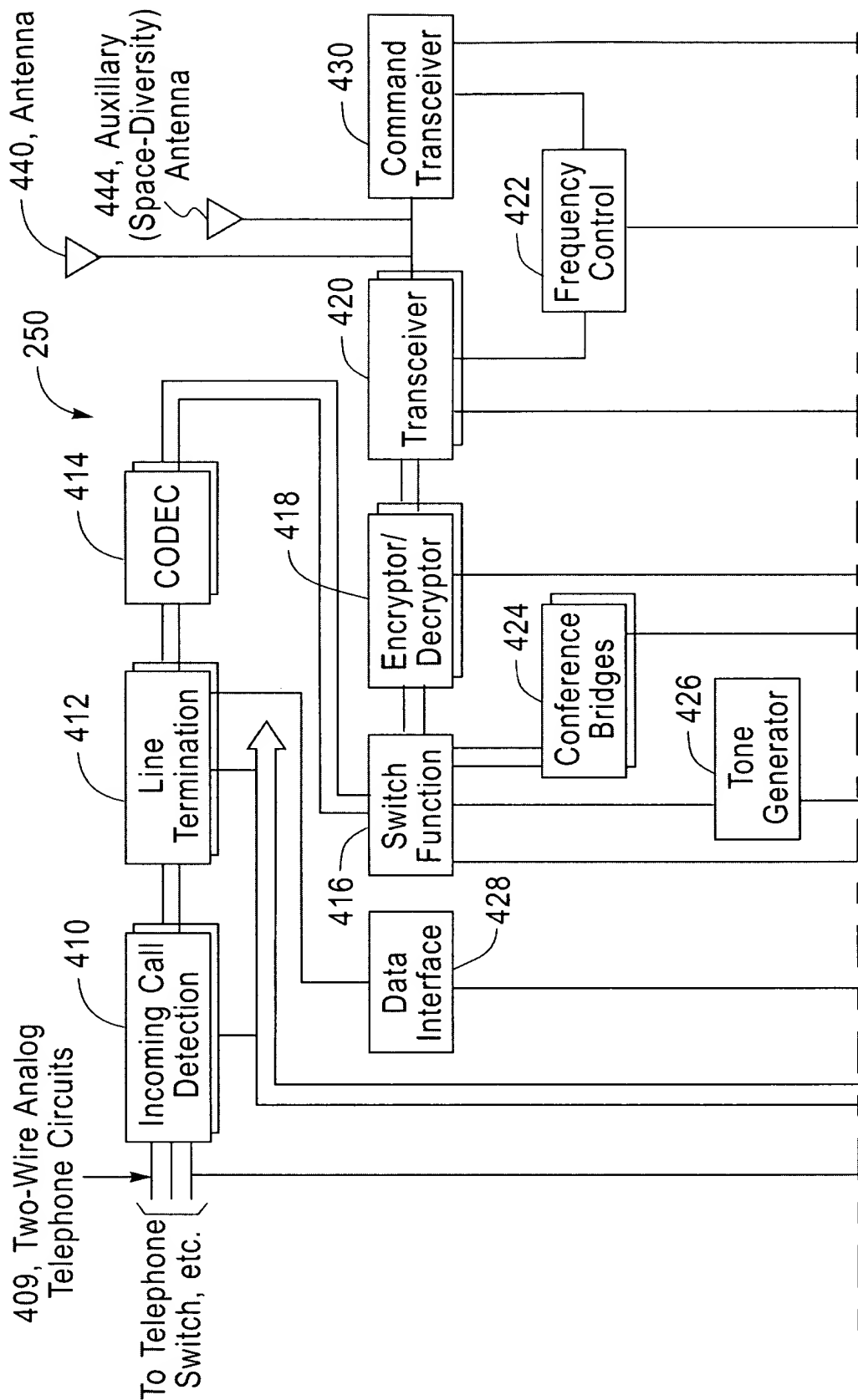


Fig. 4A

Fig. 4B

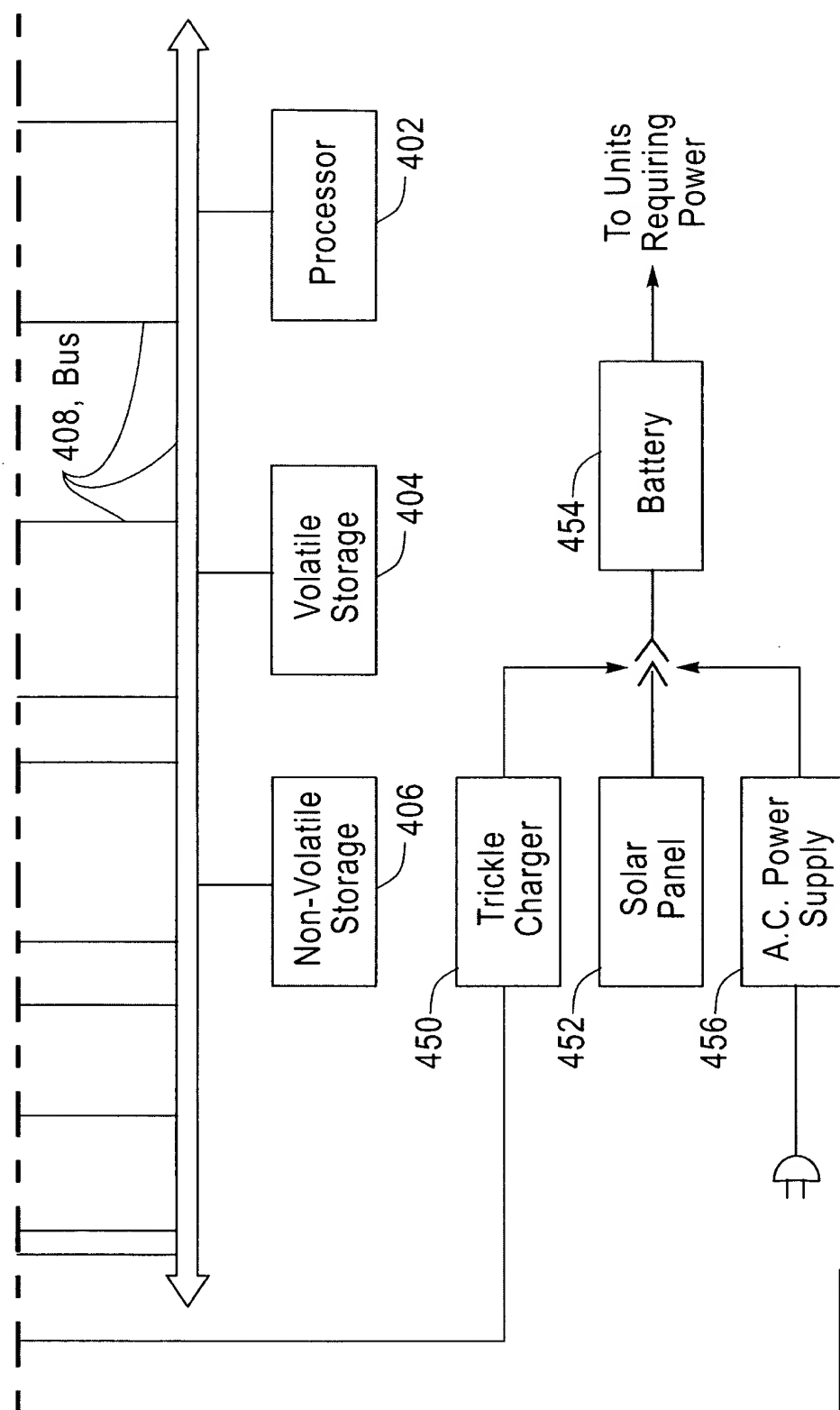


Fig. 4A  
Fig. 4B

Fig. 4B

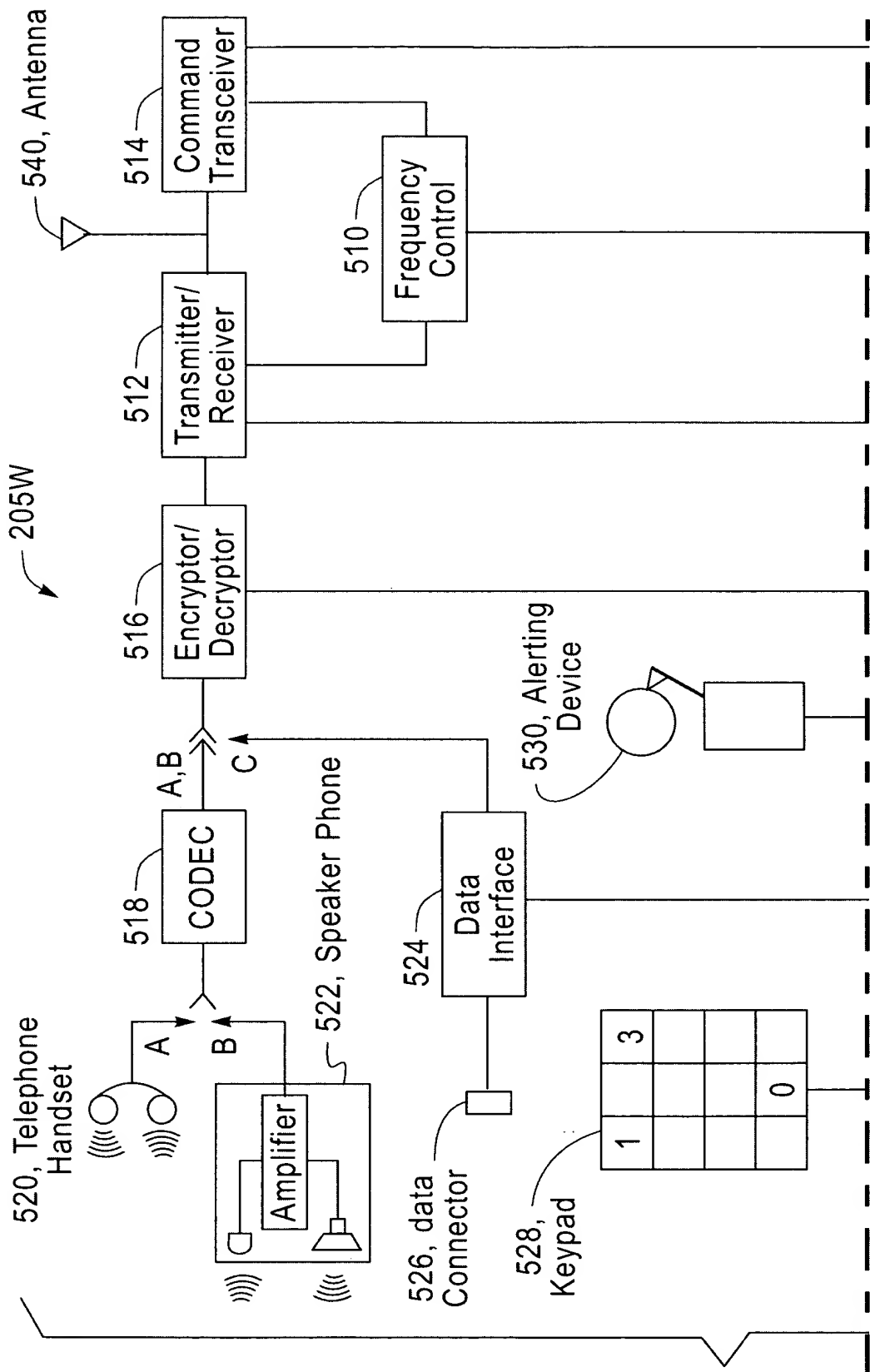


Fig. 5A

Fig. 5A

Fig. 5B

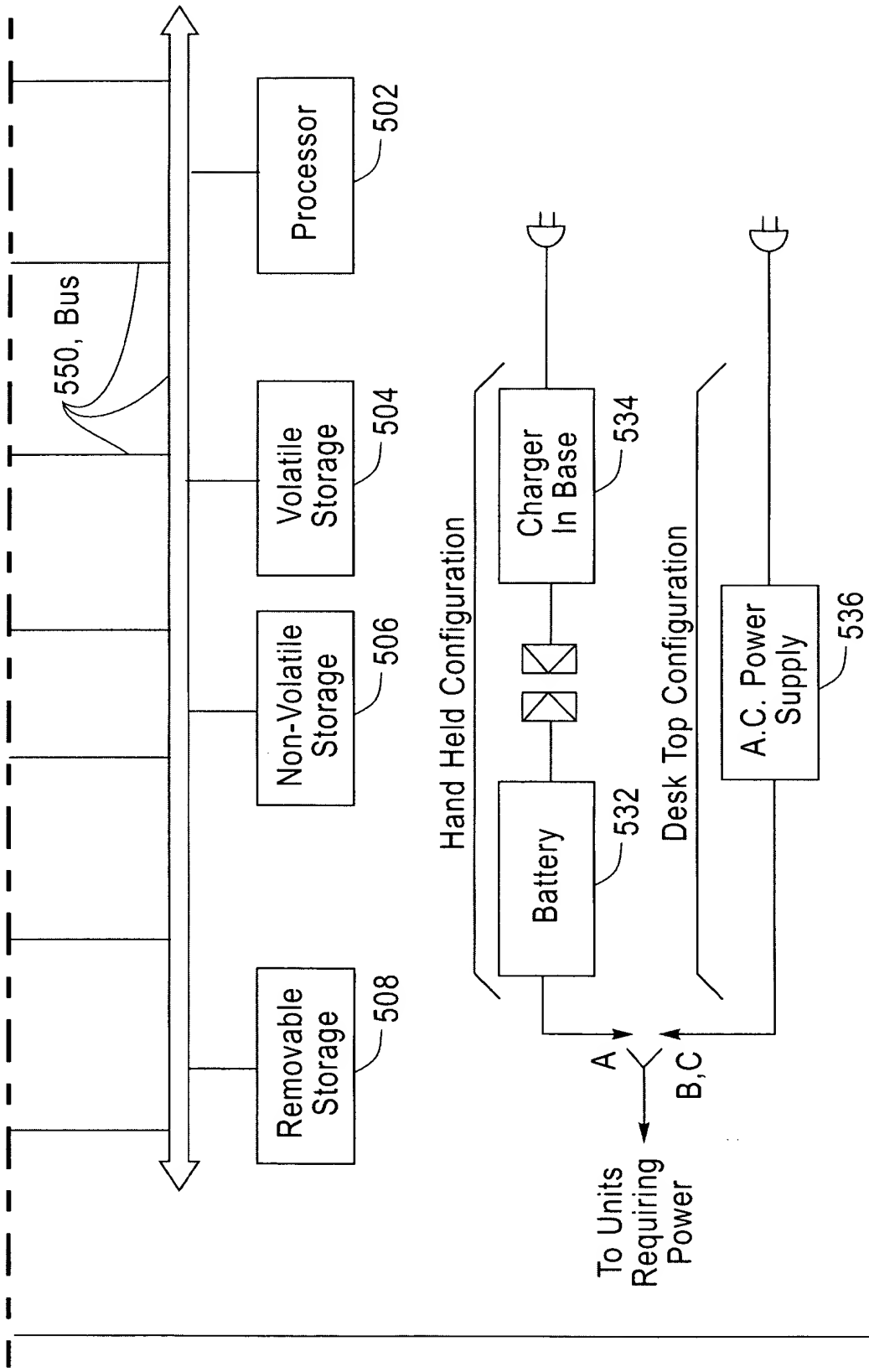


Fig. 5A  
Fig. 5B

Fig. 5B

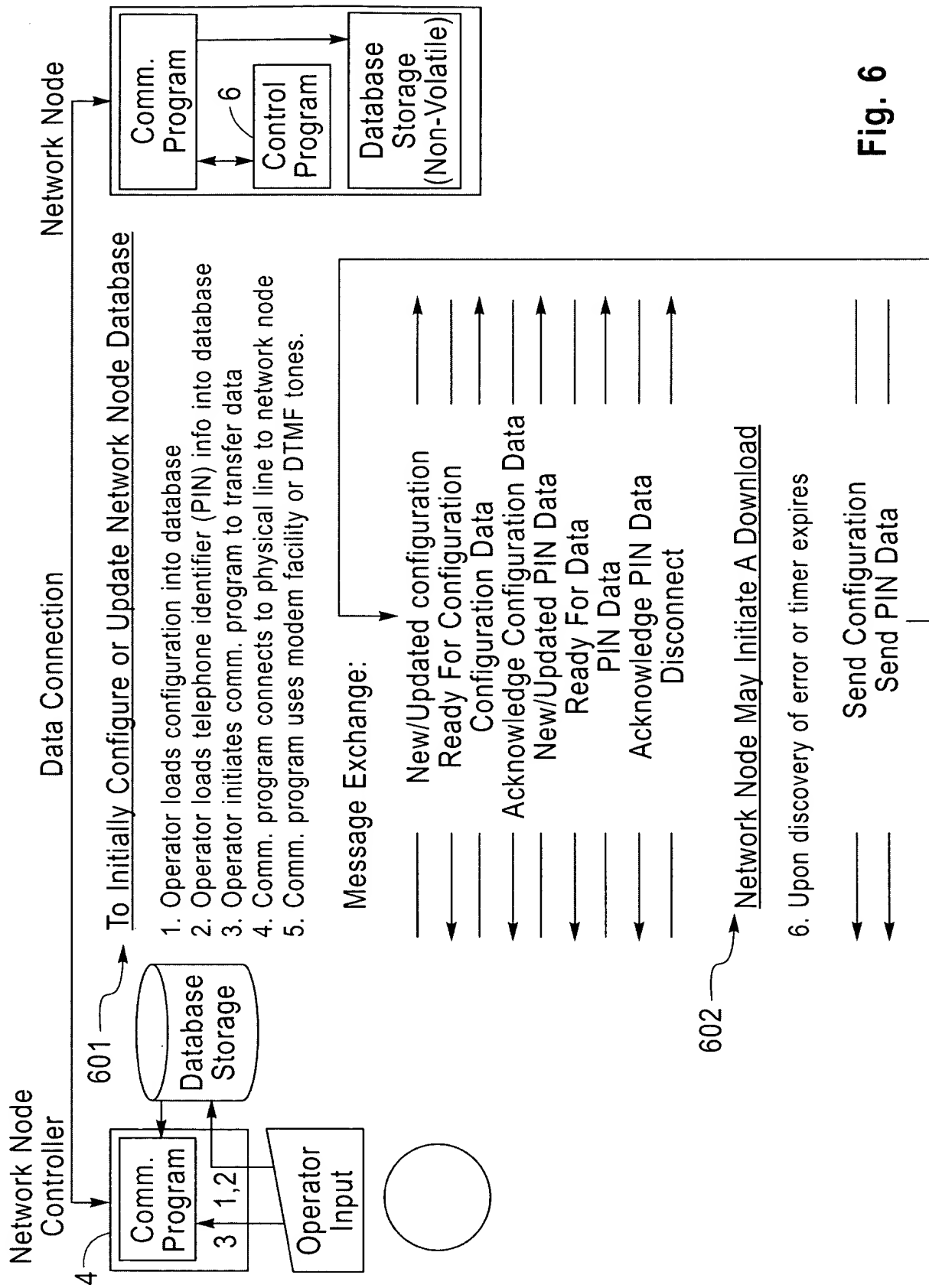
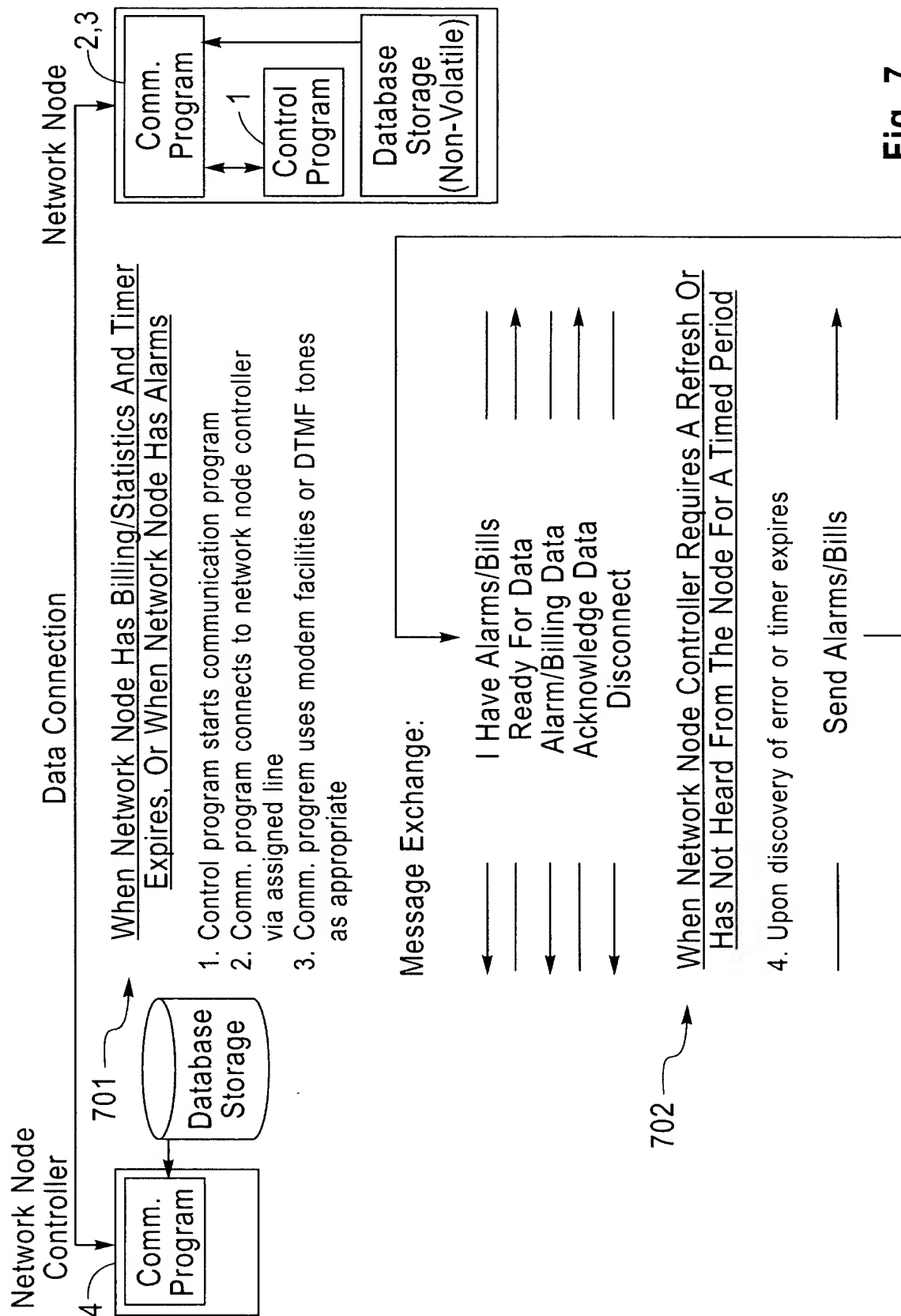


Fig. 6





**Fig. 7**

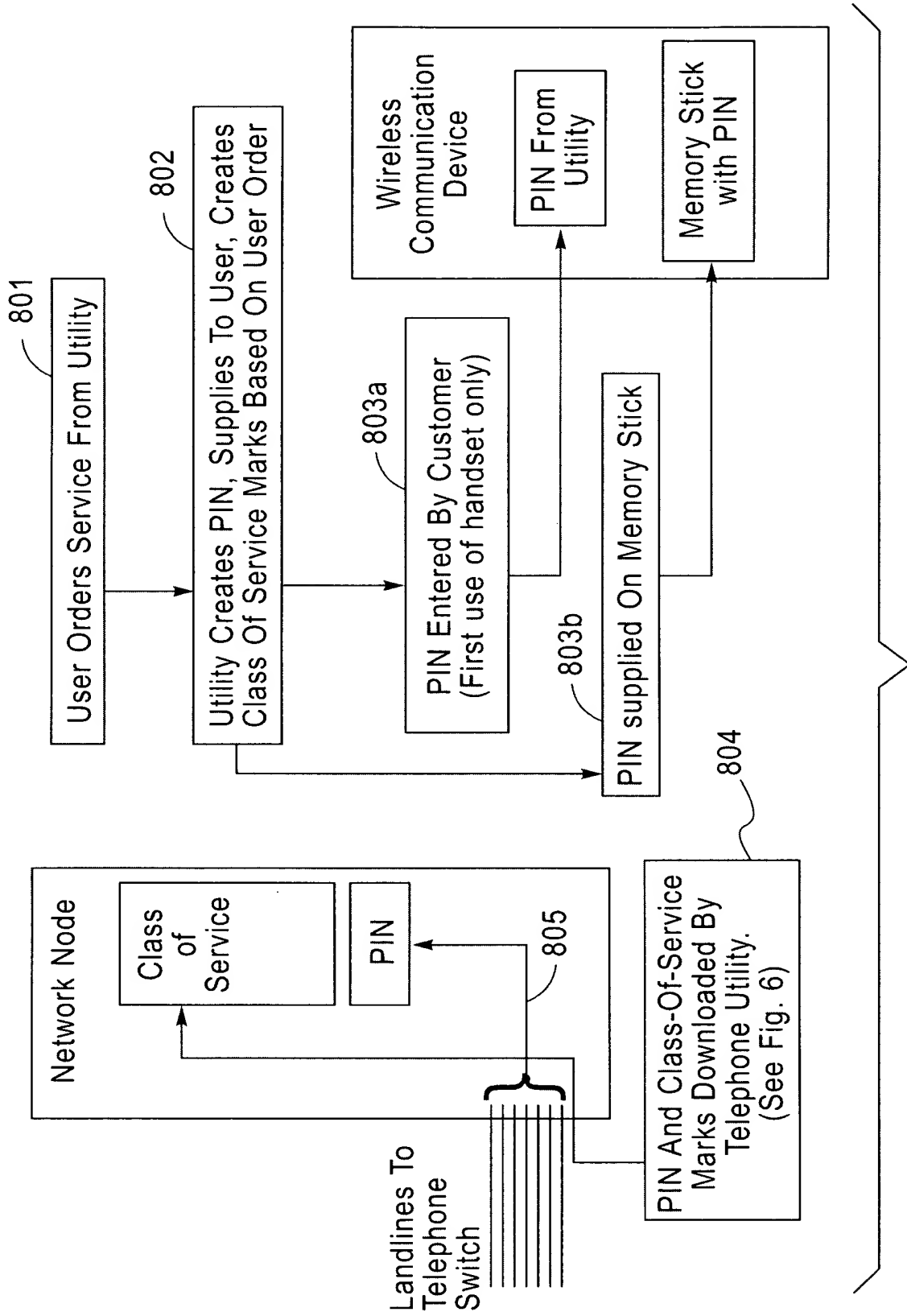


Fig. 8

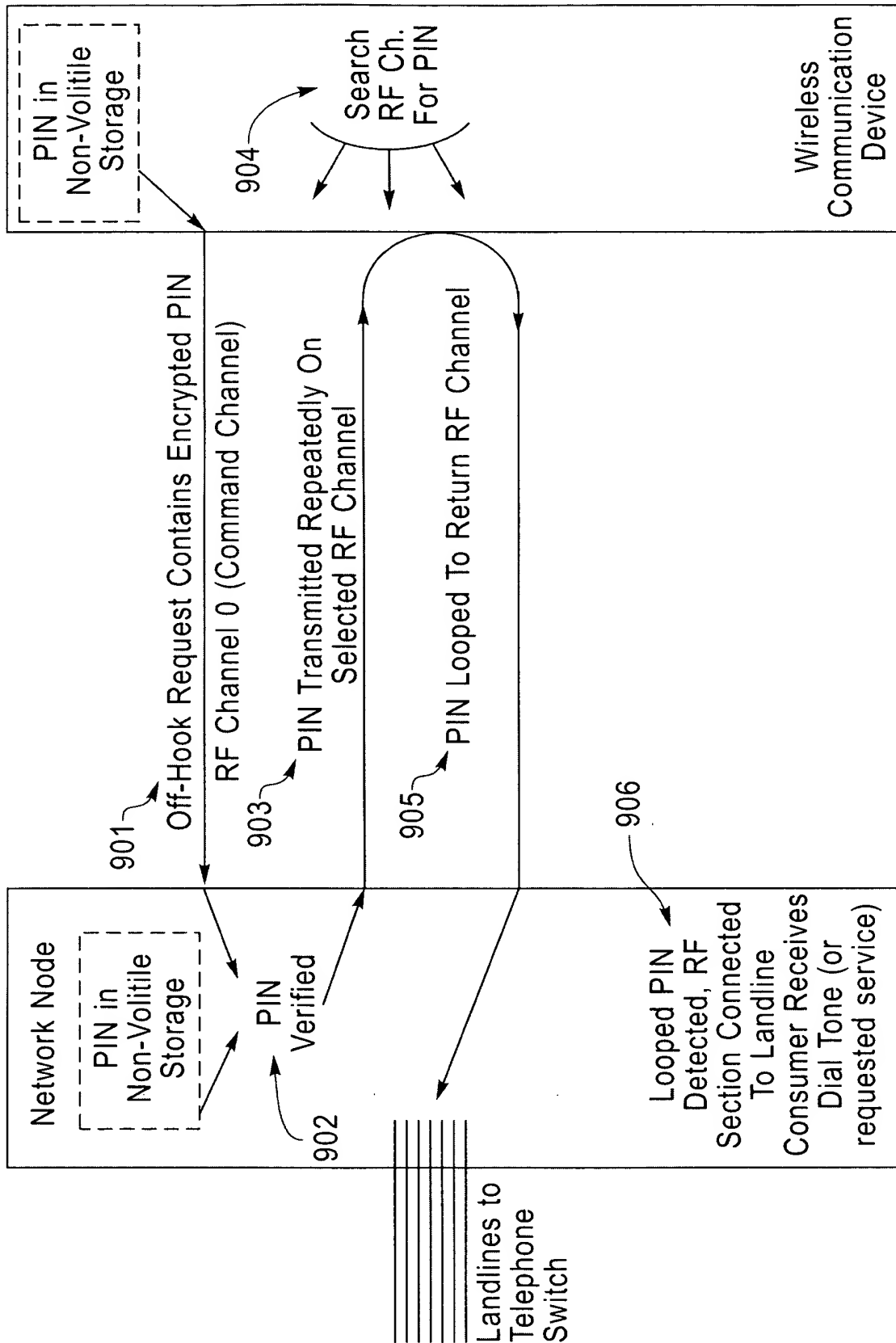


Fig. 9

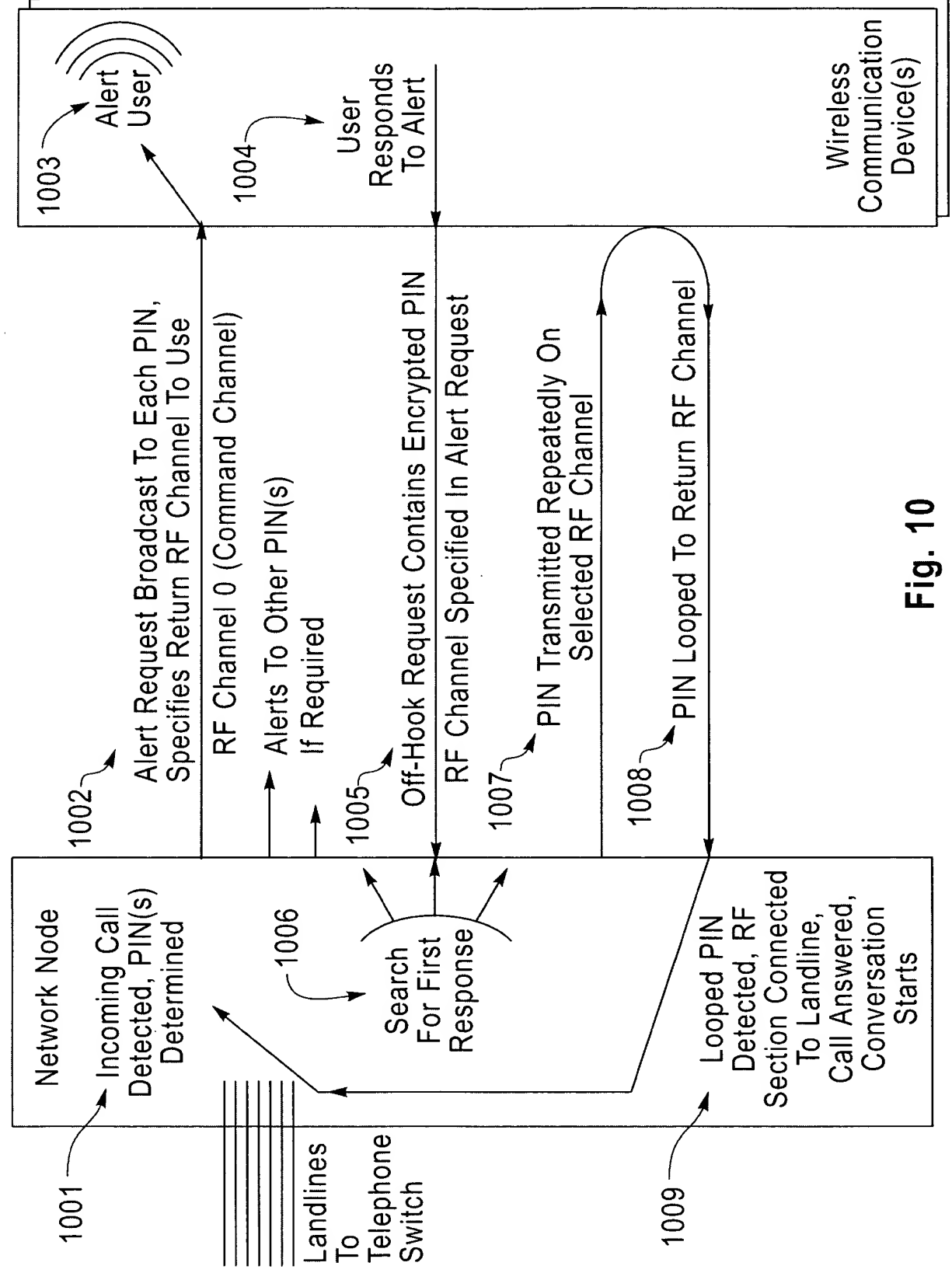


Fig. 10



Class Of Service Table Showing Association  
Of Services To PIN#

PIN #	First/Only Dedicated Line # Incoming/Outgoing/Both (Additional Dedicated Line #, etc.)
	Last Dedicated Line # Incoming/Outgoing/Both
	Privacy Feature Allowed
	Privacy Feature During Call
	Privacy Disconnect Allowed
	Privacy Disconnect Priority
	Bridging Allowed
	Shared Outgoing Service Allowed
	Shared Outgoing Service Max Lines
	Shared Outgoing Service Access Priority
	Shared Outgoing Service Pre-Empt Priority
	Shared Incoming Line Access Number
	Shared Incoming Service Max Lines
	Call Waiting Notify Never/Always/Newest/Oldest
	Camp-On Allowed
	Join Allowed

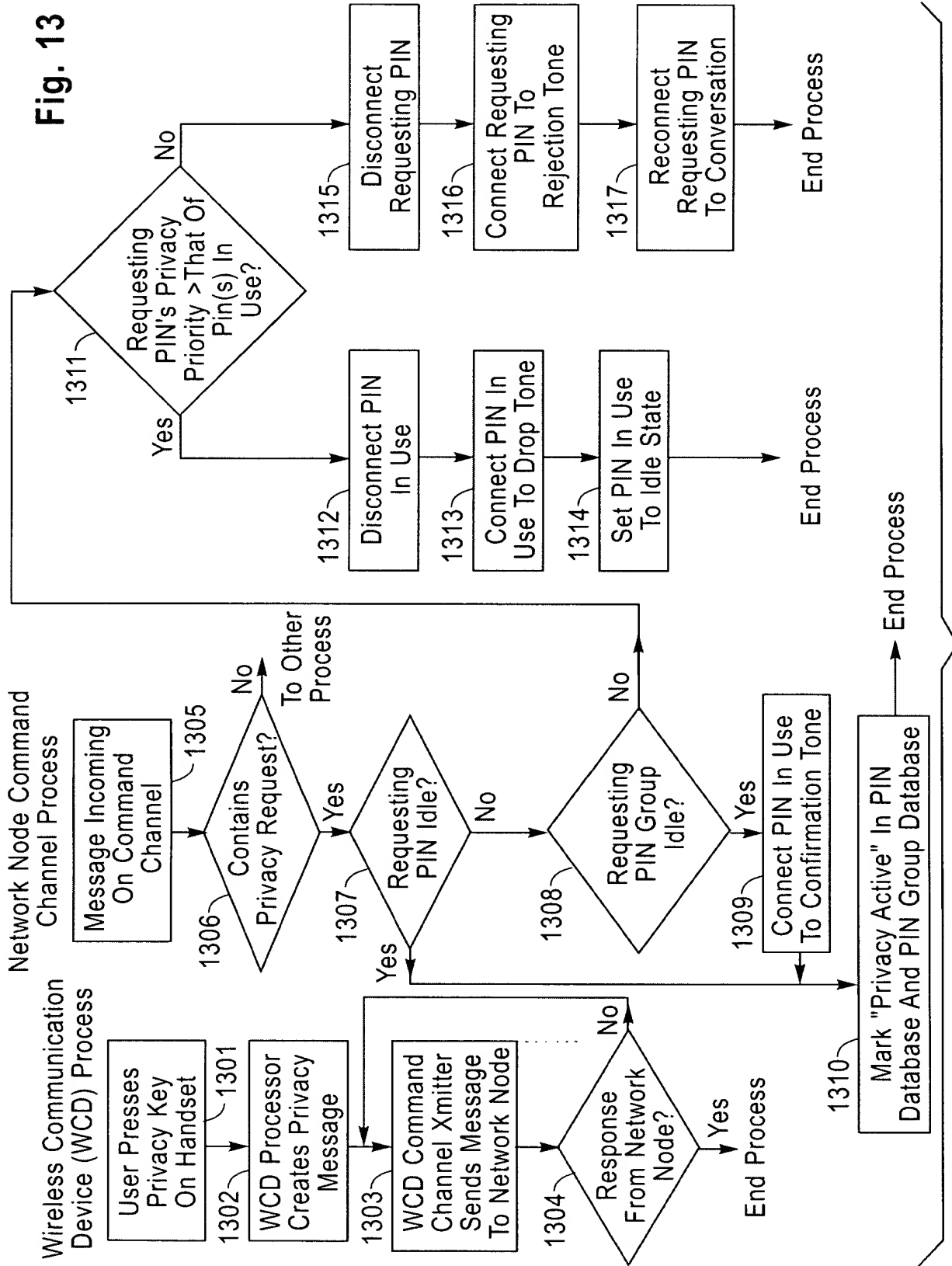
**Fig. 11**

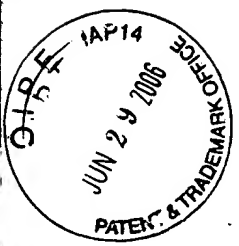


Association Of Dedicated And Shared Line(s) To PIN #'s

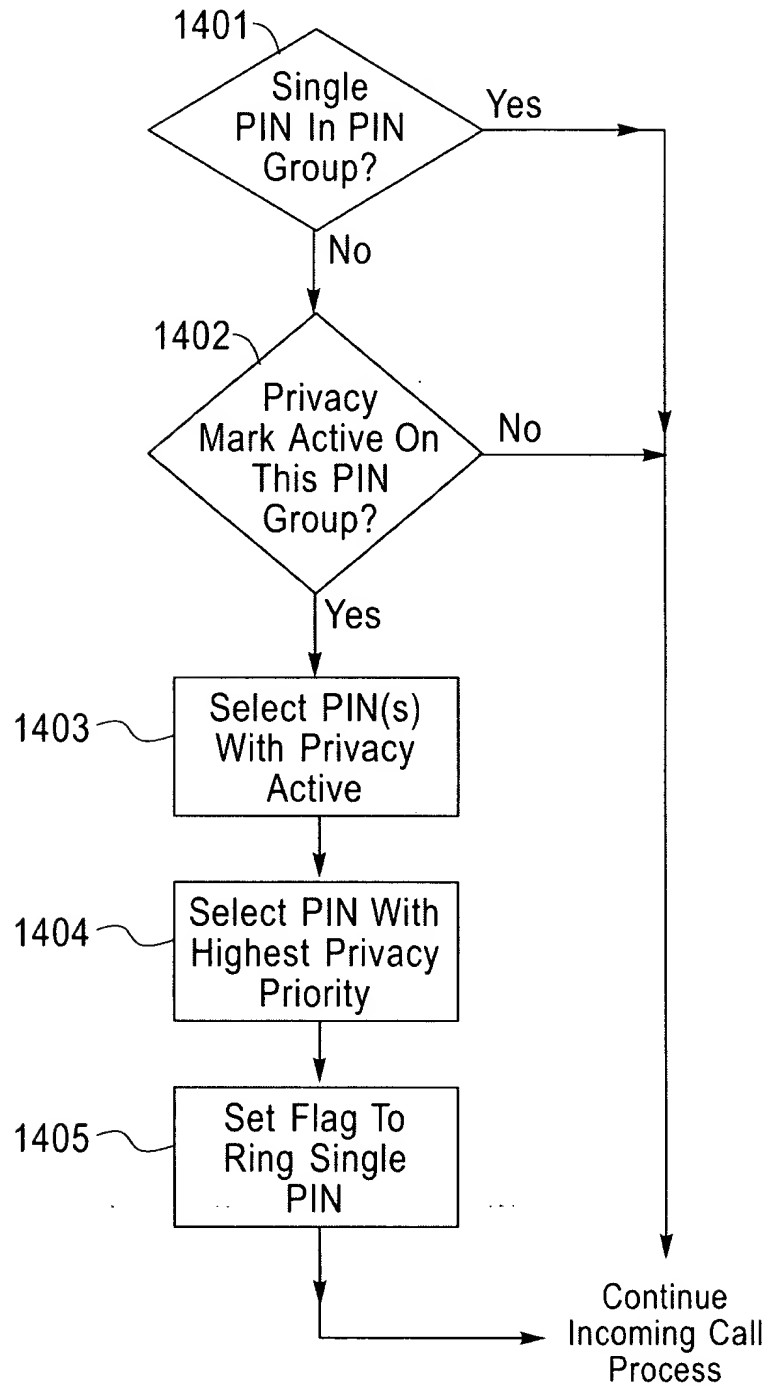
Incoming Entity	Priority	PIN Assignment
1201 Dedicated Line 1		PIN xxxx
1202 Dedicated Line 2		PIN aaaa; PIN yyyy; PIN zzzz; etc.
• • •		• • •
Dedicated Line N		PIN xxxx; (PIN yyyy; PIN zzzz; etc.)
1203 Shared 1 Incoming Code xxxx	p	PIN bbbb
Incoming Code yyyy	p	PIN cccc
Incoming Code zzzz	p	PIN dddd
• • •		• • •
1204 Shared 2 Incoming Code xxxx	p	PIN bbbb
Incoming Code bbbb	p	PIN eeee
• • •		• • •
• • •		• • •
Shared N Incoming Code 1111	p	PIN mmmm; (PIN yyyy; PIN zzzz; etc.)
Incoming Code 2222	p	PIN nnnn; (PIN yyyy; PIN zzzz; etc.)
• • •		• • •

Fig. 12



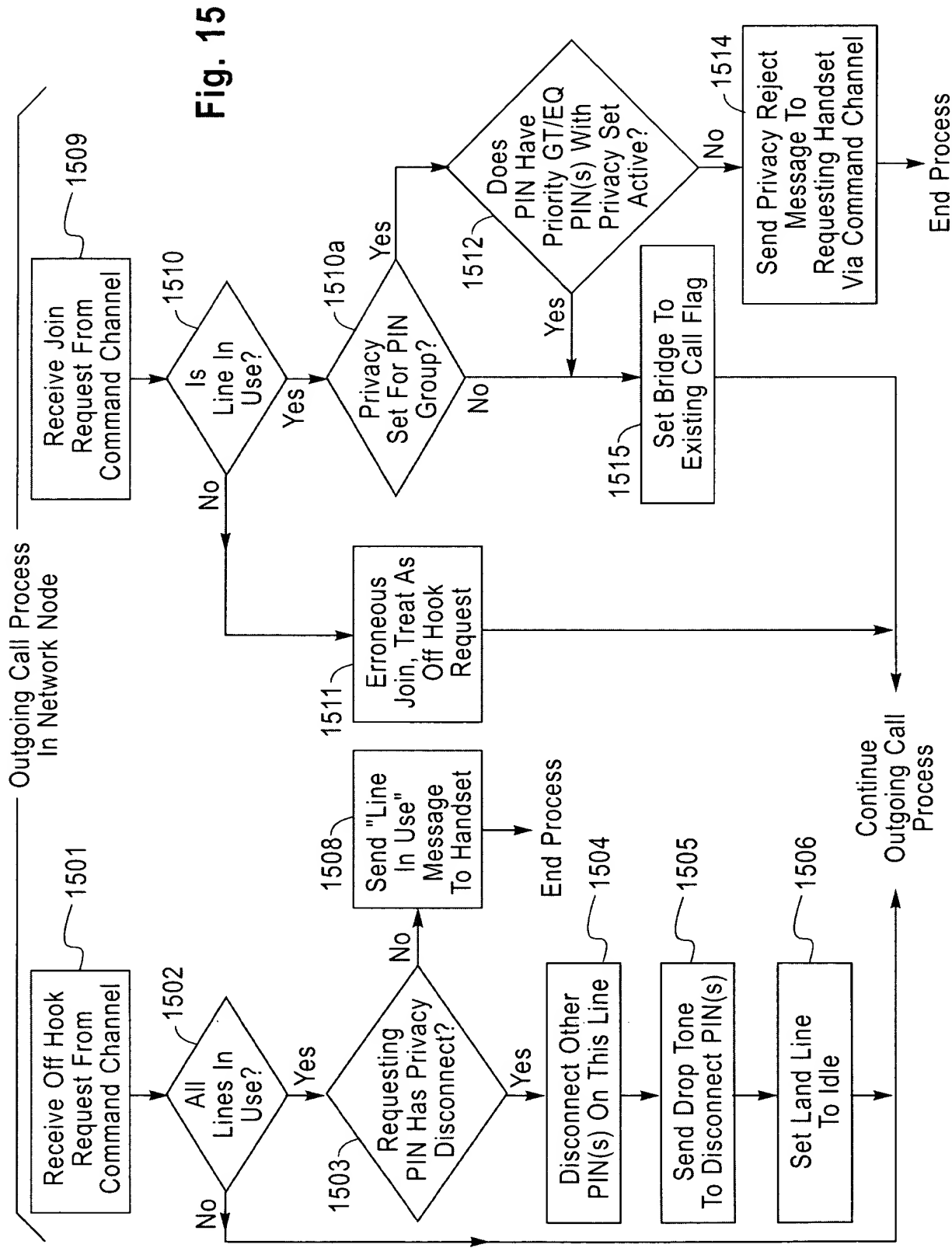


# Incoming Call Process In Network Node



**Fig. 14**





**Fig. 15**